

Illinois Commerce Commission
Pipeline Safety
Pipeline Safety Report

Operator: PEOPLES GAS LIGHT AND COKE CO.	Operator ID#: 15329
Exit Meeting Contact: Ted Lenart	Total Man Days: 3
Pipeline Safety Representative(s): Steve Canestrini	
Company Representative to Receive Report: Tom Webb	<u>Emailed Date:</u>
Company Representative's Email Address: TJWebb@peoplesgasdelivery.com	09/22/2014

Inspection Summary

Inspection Type	Location	ICC Analyst	Inspection Unit(s)	Man Day(s)	Inspection Date(s)	Contact(s)
Design Testing and Construction	Chicago	Steve Canestrini	North Shop	3	8/26/2014, 8/27/2014, 8/28/2014	Ted Lenart

Statement of Activities

On August 26-28, 2014, Staff conducted a field audit on Peoples Gas and contractor crews performing main and service installation pertaining to their AMRP project assigned from their Central Shop location to determine compliance with applicable IL Adm. Codes and the Code of Federal Regulations adopted via IL Adm. Part 590.

In addition to the accompanying checklists, Staff observed a Peoples Gas distribution crew perform a tie-in from an existing 2" black plastic main to a 2" PE main at the corner of Higgins and Mason. The crew performed a squeeze to stop the flow of pressure, electrofused a 2" coupling to connect the two mains, then gassed the new main. An NOA was written recommending clarification to Peoples Gas General Procedure 0.120, "Lockout/Tagout. During the tie-in process, Staff asked what is the process to ensure gas was 100% off after the squeeze was completed, before any additional work begins. The procedure states a test is needed to ensure gas has been completely shutoff. However, it does not state what methods should be used to accomplish this task.

Staff also began the observation of a 1" PE service installation at 5540 W. Pensacola, by K&S Energy. At this location, Staff observed the pipe that was being installed manufactured date was greater than two years from the current date. At this time, installation stopped. Staff began to determine if other addresses on this street were already installed with the expired material. Staff identified four (4) locations, 5535, 5537, 5541, and 5545 Pensacola had already been installed and gassed. At this point all activity was stopped, and an investigation began to determine the extent of the problem. The inspector, along with the fusion operators were disqualified. A NOPV was created documenting the four instances identified.

INSPECTION FINDINGS

Design Testing and Construction

Issues(s) Found:

[NO ISSUES FOUND]

Notice Of Amendment(s) Found:

[192.605(a)] - A Peoples Gas Distribution crew was performing a tie-in to an existing 2" black plastic main to a newly installed 2" PE main. The crew performed the shutdown of the existing pipeline with the use of two (2) PE squeeze tools. The end sections from both ends of the mains were then cut. Staff questioned the crew what is the procedure to ensure 100% shut off of the supply of gas prior to performing additional work. The crew stated they cover the end of the open section of main with their hand. If there is pressure against their hand when they remove their hand, there is not 100% shutoff. Staff asked if any leak detection instruments are used, and the response was "no". Per Peoples Gas Distribution

Illinois Commerce Commission

Pipeline Safety

Pipeline Safety Report

Department Order 0.120, Section III, Procedure, item 3, "Testing for Gas to Assure the Isolating Device is Functioning Before Work Begins", it states the responsible authorized employee shall test to assure the device(s) used to prevent the flow of gas into the work area is functioning properly. After discussion with the Technical Training Center, personnel are not trained to use leak detection equipment, rather to use, sight, sound, soap bubbles etc, to verify if gas has been shut off 100%. Staff interviewed the employee who was involved with the tie-in the following morning. After asking for clarification on what the procedure is, the employee did state they do use their sense of hearing along with the "glove test" Staff is recommending the procedure be modified to clarify the correct methods to use to ensure when gas has been turned off, a 100% shut off can be verified.

Notice Of Violation(s) Found:

[192.59(a)(1)][192.7(c)] - A 1" PE service was installed and gassed at 5535 Pensacola using material that had a manufactured date of 8/17/12. Responses to Staff inquiries of PGL and K&S Energy established that the service was installed on August 27, 2014. PGL could not provide documentation the material was not stored outside during this period.

[192.59(a)(1)][192.7(c)] - A 1" PE service was installed and gassed at 5537 Pensacola using material that had a manufactured date of 8/17/12. Responses to Staff inquiries of PGL and K&S Energy established that the service was installed on August 27, 2014. PGL could not provide documentation the material was not stored outside during this period.

[192.59(a)(1)][192.7(c)] - A 1" PE service was installed and gassed at 5541 Pensacola using material that had a manufactured date of 8/17/12. Responses to Staff inquiries of PGL and K&S Energy established that the service was installed on August 27, 2014. PGL could not provide documentation the material was not stored outside during this period.

[192.59(a)(1)][192.7(c)] - A 1" PE service was installed and gassed at 5545 Pensacola using material that had a manufactured date of 8/17/12. Responses to Staff inquiries of PGL and K&S Energy established that the service was installed on August 27, 2014. PGL could not provide documentation the material was not stored outside during this period.

PAST INSPECTION FINDINGS

Issue(s) Corrected:

[NO ISSUES CORRECTED]

Notice Of Amendment(s) Corrected:

[NO NOAS CORRECTED]

Notice of Violations(s) Corrected:

[NO NOPVS CORRECTED]